

Title (en)  
COMPOSITE MOLDED PRODUCT AND METHOD FOR PRODUCING SAME

Title (de)  
VERBUNDFORMPRODUKT UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)  
PRODUIT MOULÉ COMPOSITE ET SON PROCÉDÉ DE PRODUCTION

Publication  
**EP 3395569 A4 20190807 (EN)**

Application  
**EP 16878495 A 20161214**

Priority  
• JP 2015253768 A 20151225  
• JP 2016087151 W 20161214

Abstract (en)  
[origin: EP3395569A1] Provided are: a composite molded article characterized by being obtained by laminating (A) a fiber-reinforced resin molded article comprising a fiber-reinforced resin having a polyamide-based resin as a matrix resin, (B) a molded article comprising a polyolefin-based resin containing an epoxy group and/or a glycidyl group, and (C) a molded article having at least one selected from a polyester-based resin, a polyethylene-based resin and a polyarylene sulfide-based resin as a matrix resin, in this order, and a method for producing the same. By interposing the layer comprising (B) the polyolefin-based resin containing an epoxy group and/or a glycidyl group as a joining layer of the layer of (A) the fiber-reinforced resin having a polyamide-based resin as a matrix resin and the layer comprising (C) at least one resin selected from a polyester-based resin, a polyethylene-based resin and a polyarylene sulfide-based resin, it becomes possible to obtain a composite molded article in which these layers of (A), (B) and (C) are strongly joined and integrated, and to obtain a composite molded article having excellent characteristics which could not be realized by a single layer of (A) layer or (C) layer.

IPC 8 full level  
**B29C 45/14** (2006.01); **B32B 5/02** (2006.01); **B32B 7/12** (2006.01); **B32B 27/08** (2006.01); **B32B 27/12** (2006.01); **B32B 27/28** (2006.01); **B32B 27/32** (2006.01); **B32B 27/34** (2006.01); **B32B 27/36** (2006.01); **B32B 27/38** (2006.01)

CPC (source: EP US)  
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Citation (search report)  
• [A] EP 0168805 A2 19860122 - NIPPON PETROCHEMICALS CO LTD [JP]  
• [XI] DATABASE WPI Week 201451, Derwent World Patents Index; AN 2014-N68056, XP002792515 & WO 2014112501 A1 20140724 - TORAY INDUSTRIES [JP]  
• See references of WO 2017110604A1

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